

Codonics SLS Administration Tool

Technical Brief

Localization Enhancements

Overview

Version 1.4.0 software for Codonics Safe Label System™ (SLS) Administration Tool (AT) includes enhancements to the localization functionality:

- ◆ Label template packs can be loaded and managed to support local requirements for label sizes and formats
- ◆ Large and small format label templates are now available
- ◆ Barcode parsing rules can be created to support local barcode encoding formats

Label Template Management

Label Template Packs

Label template management is based on the use of Label Template Packs, which are Zip files that contain a complete set of templates as well as the information required for the template pack to be installed and operated in the AT.

The drug classification templates in a template pack have the same size and are used to address the label requirements for a locale.

Label template packs are only developed and released by Codonics.

Label Template Pack Zip File Naming Convention

Label template pack Zip files use the following naming convention:

- ◆ A region identifier. This will typically be a country code (for example, JP for Japan), but can also be other codes such as STD (for the SLS standard template pack based on the ASTM 4774 standard) and DIVI (for German DIVI templates).
- ◆ A unique identifier for packs in the same region (for example, -1 or -2).
- ◆ A version number (for example, v01).

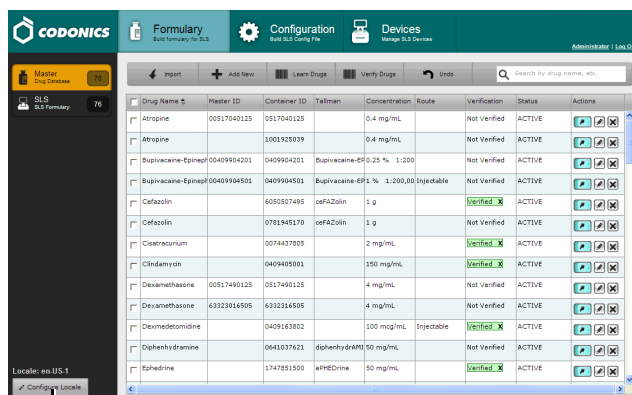
Examples of template pack names are:

- ◆ STD-1-v01.zip, for the standard SLS pack 1, version 1
- ◆ JP-L1-v01.zip, for Japanese large format pack 1, version 1

Installing a Label Template Pack

To install a template pack:

1. Click the Configure Locale button at the bottom left corner of the Formulary tab.

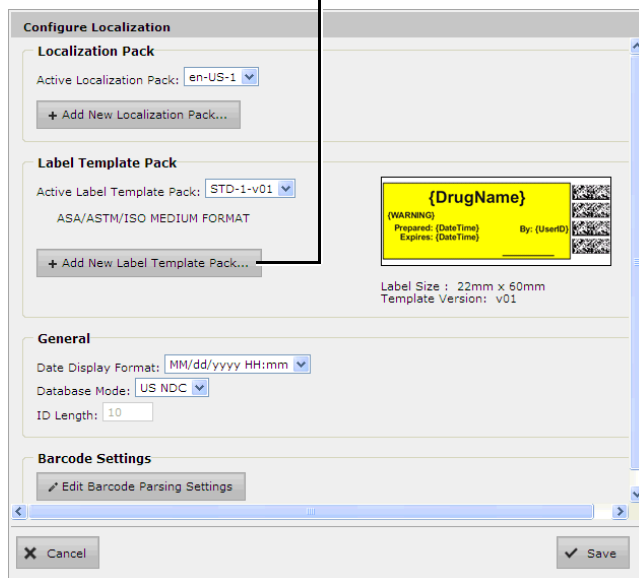


Configure Locale button

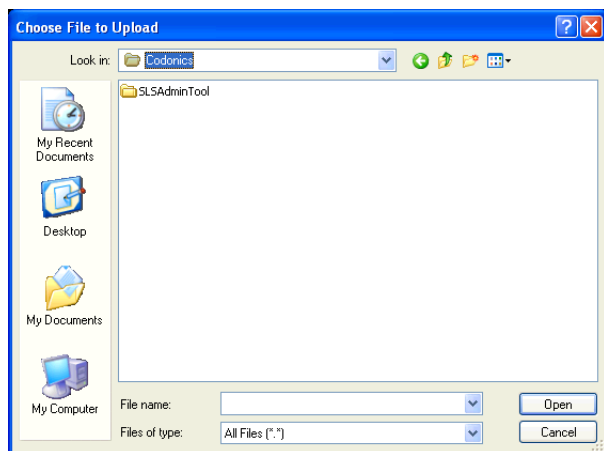
The Configure Localization dialog box displays.

2. Click the Add New Label Template Pack button.

Add New Label Template Pack button



The Choose File to Upload dialog box displays.



3. Navigate to and select the Label Template Pack file to be added and click the Open button.

The template pack is imported into the AT. When the import process is complete, it will be included for selection in the Active Label Template Pack list in the Configure Localization dialog box.

Selecting the Active Label Template Pack for a Formulary

You can select which Label Template Pack to use for the formulary. When you create the formulary update package, the label templates from the active template pack will be included in the package for deployment to SLS 500i™ devices.

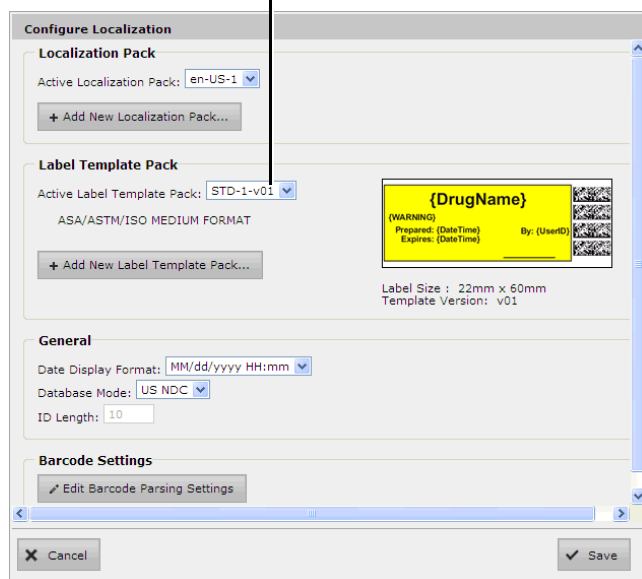
To select the active Label Template Pack:

1. Click the Configure Locale button at the bottom left corner of the Formulary tab.

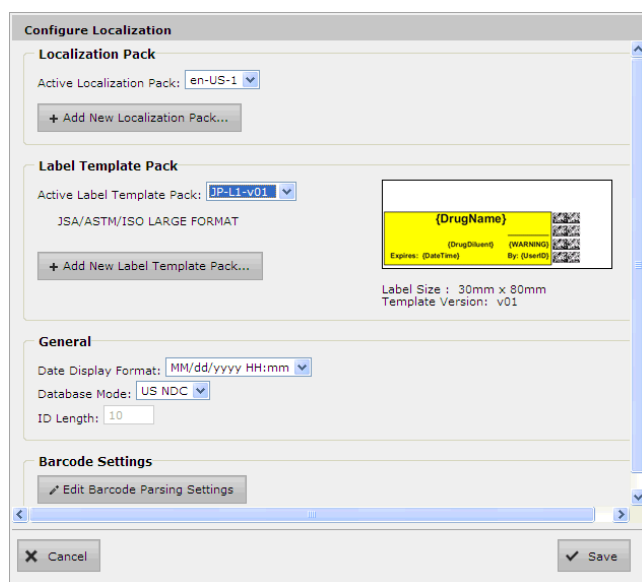
The Configure Localization dialog box displays.

2. In the Active Label Template Pack list, select the template pack.

Active Label Template Pack list



The sample label template image in the dialog box updates to reflect the selected template pack.



3. Click the Save button to save your selection.

Currently Available Label Template Packs

Version 1.4.0 software includes the following Label Template Packs:

- ◆ STD-1-v01, the standard SLS template pack that is based on the ASTM 4774 standard
- ◆ JP-L1-v01, the large label (30 x 80 mm) format template pack for Japan
- ◆ JP-S1-v01, the small label (17 x 48 mm) format template pack for Japan

Large and Small Format Labels

Version 1.4.0 software includes two new sets of syringe label templates: a large and a small format.

For examples of the medium format syringe label templates that are available with previous software releases, refer to the SLS Administration Tool User's Manual.

NOTE: The template pack is selected for each formulary. Create a formulary package and deploy the formulary package to SLS devices. For information about creating and deploying formulary packages, refer to the SLS Administration Tool User's Manual.

NOTE: Make sure that the correct size labels are loaded on 500i for the template pack selected. If the wrong label size is installed (for example, a large template was selected but small labels are installed, ink will overspray in 500i).

Creating Separate Formularies with Large and Small Label Formats

To create separate formularies that include the same drugs but use large and small labels:

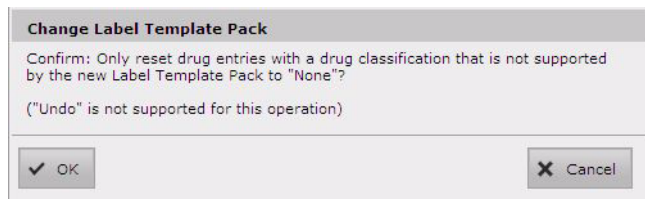
1. In the **Configure Localization** dialog box, select the large label format as the active Label Template Pack.

When changing the active Label Template Pack, the following warning message displays. It explains that some drug classifications in the formulary might not be supported by the selected Label Template Pack. You have the option of resetting the drug classification for those drugs to **None**, or resetting the drug classifications for all drugs in the formulary to **Miscellaneous White Label**.



NOTE: This message is displayed whether there are drugs in the formulary or not.

2. Select the appropriate reset option:
 - a. To reset the drug classification for all drugs in the formulary to **Miscellaneous White Label**, click the **Reset All** button.
 - b. To reset the drug classification to **None** for only those drugs in the formulary whose classifications are not supported by the selected Label Template Pack, click the **Reset Only Missing Templates** button. If you click this button, you are prompted to confirm this selection.



Click the **OK** button to confirm the selection of this option.

3. Review the drug classifications that were changed based on the chosen reset option and set them as appropriate for the Label Template Pack that you selected.
4. Create the formulary package that will use the large label format.

NOTE: You can assign a name to the formulary package that indicates what label format was specified for it.

5. Close the AT.
6. Make a copy of the **AdminTool-Data** directory and rename it (for example, **AdminTool-Data-Small-Label**).

NOTE: You create unique formularies when using different label sizes because it is common for the set of drugs that will use small labels to be different than the set of drugs that will use large labels.

7. Restart the AT.
8. During startup, when you are prompted to locate the data directory, select the directory copy that you made and renamed (for example, AdminTool-Data-Small-Label).
9. In the Configure Localization dialog box, select the small label format as the active Label Template Pack.
10. Repeat steps 2 and 3 above to select a reset option and review the drug classifications that were changed.
11. Create the formulary package that will use the small label format.

Large and Small Format Label Examples

Examples of the large and small format syringe label templates are shown below.

NOTE: The syringe label properties of the drug classification templates, such as background color, primary stripe color, and label pattern, are the same for all label formats, regardless of the format size. For a list of sample labels for each of the label templates, refer to the SLS Administration Tool User's Manual.

Large Format Syringe Label Examples	
Miscellaneous White Combination Label	
Heparin	
Narcotic Antagonists	
Narcotics	
Succinylcholine	

Small Format Syringe Label Examples	
Anticholinergic Agents	
Epinephrine	
Hypotensive Agents	
Narcotic Tranquilizer Combinations	
Protamine	

Barcode Parsing Rules

The Barcode Parsing Rule function allows you to create parsing rules to support barcode encoding formats that are not included in the standard release of the software. A barcode parsing rule specifies which characters in the barcode constitute the Container ID.

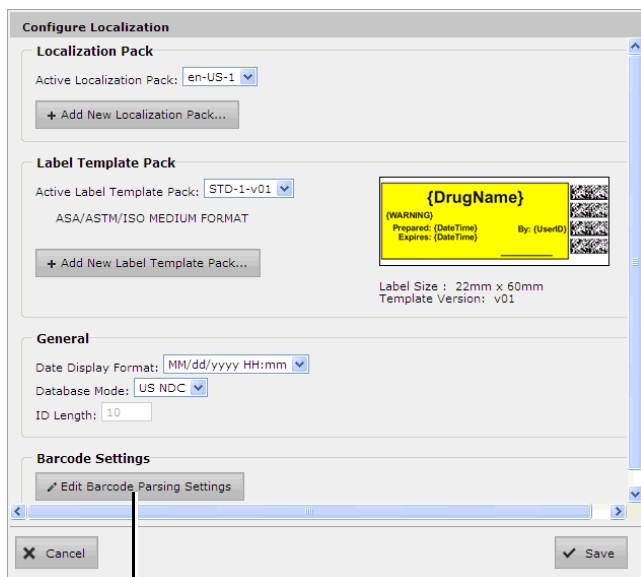
Creating a Barcode Parsing Rule

Before attempting to create a barcode parsing rule, obtain the information about the encoding format for the barcode that you want to use. To simplify the rule creation process, you should also have a sample barcode with the proper encoding format to scan.

CAUTION: Until you are thoroughly familiar with entering barcode parsing rules, only perform the following procedure under the direction of Codonics Technical Support.

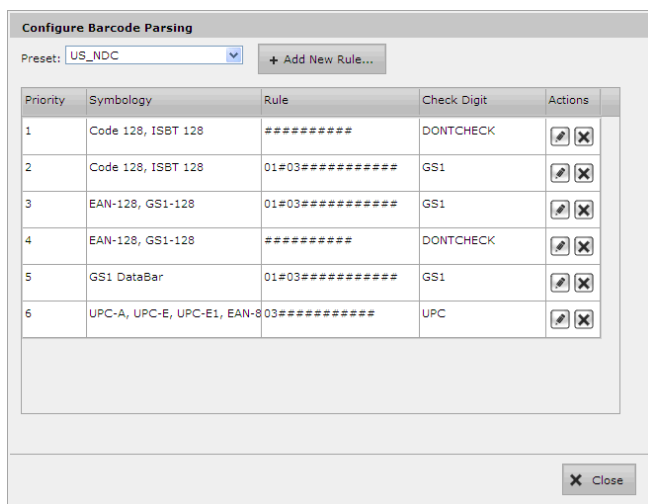
To create a barcode parsing rule for a barcode encoding format:

1. Click the Configure Locale button at the bottom left corner of the Formulary tab.
The Configure Localization dialog box displays.
2. Click the Edit Barcode Parsing Settings button.

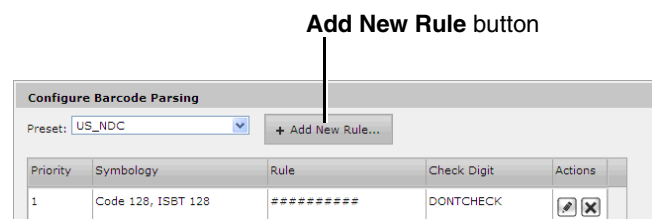


Edit Barcode Parsing Settings button

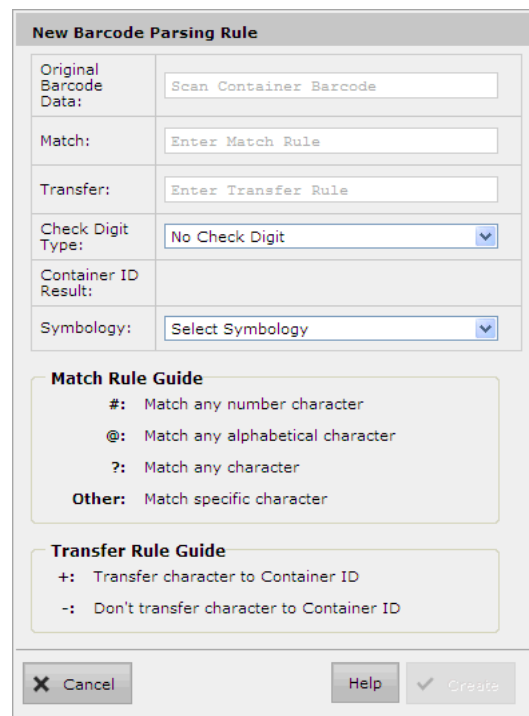
The Configure Barcode Parsing dialog box displays. Initially, the barcode parsing rules that are included with the standard software are listed. As you create custom rules, they are added to the list.



3. Click the Add New Rule button.



The New Barcode Parsing Rule dialog box displays.



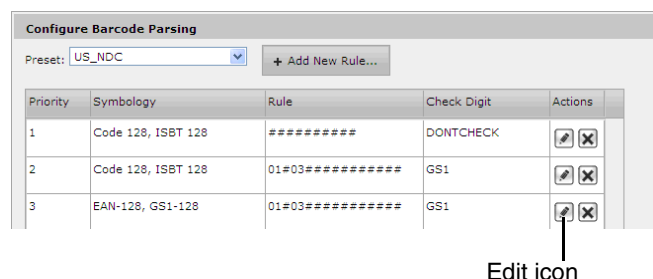
4. Enter the parsing rule parameters in the fields and lists.

The rule parameters are described in the following table.

Field	Description
Original Barcode Data	<p>Scan a sample barcode that uses the encoding for which you are creating this parsing rule.</p> <p>The code is entered in this field with the symbology characters removed. Also, the symbology that is detected is automatically selected in the Symbology list.</p> <p>You can also enter the barcode manually.</p>

Editing a Barcode Parsing Rule

To edit a barcode parsing rule, in the Configure Barcode Parsing dialog box, click the Edit icon.



The Edit Barcode Parsing Rule dialog box displays. The functionality of this dialog box is similar to the Edit Barcode Parsing Rule dialog box; the only difference is that you click the Save button to save your entries.

Edit Barcode Parsing Rule

Original Barcode Data: Scan Container Barcode

Match: 01#03#####

Transfer: 00000XXXXXXX0000

Check Digit Type: GS1

Container ID Result:

Symbology: EAN-128, GS1-128

Match Rule Guide

- #: Match any number character
- @: Match any alphabetical character
- ?: Match any character
- Other: Match specific character

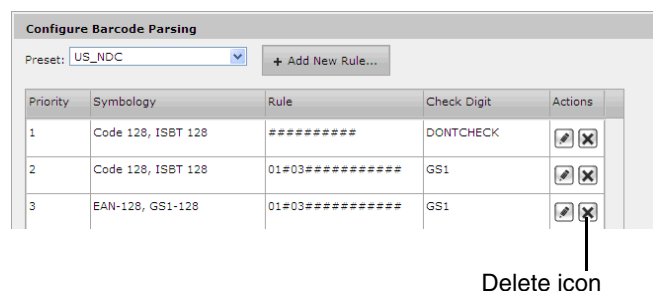
Transfer Rule Guide

- +: Transfer character to Container ID
- : Do not transfer character to Container ID

[Cancel] [Help] [Save]

Deleting a Barcode Parsing Rule

To delete a barcode parsing rule, in the Configure Barcode Parsing dialog box, click the Delete icon.



You are prompted to confirm the deletion.

Setting the Order of Barcode Parsing Rules

When a barcode is scanned from the AT or 500i, the system first identifies the barcode's symbology. It then applies the barcode parsing rules in their order of priority looking for a match. When a match is found, the system identifies the Container ID within the code.

To change the priority order of the barcode parsing rules, in the Configure Barcode Parsing dialog box, click and drag a rule entry to a different position in the list.

Database Mode in the Configure Localization Dialog Box

In Version 1.4.0 software for the AT, the functionality of the Database Mode list selection has changed. It no longer controls how barcodes are parsed, which is now handled by the Barcode Parsing Rules function. Now it determines whether the Master Drug Database (MDD) is in US NDC or Other mode.

Configure Localization

Localization Pack

Active Localization Pack: en-US-1

+ Add New Localization Pack...

Label Template Pack

Active Label Template Pack: STD-1-v01

ASA/ASTM/ISO MEDIUM FORMAT

+ Add New Label Template Pack...

General

Date Display Format: MM/dd/yyyy HH:mm

Database Mode: US NDC

ID Length: 10

Barcode Settings

Edit Barcode Parsing Settings

[Cancel] [Save]

Technical Support

If problems occur when using the AT, contact Codonics Technical Support.

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Website: www.codonics.com

Get it all with just one call
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